BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354341

Serial No. Hand Final BN

Name of Work Improvements to Roads and drain w/o Kodigelenki village

Name of Contractor of nature of Agency Smt Shantha kumari w/o w.no.8

Date of commencement of work Estt cost Rs 10.00 lakhs

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Job No:- 008-15-000041 H/A2- D-2415						
	NOW: EE/DTP/BBMP/E-proj/16/2015-16					15 04/11	
	A.S No:- EE/DTP/BBMP/A-1/151/2014-15					20 01/15	
	T.S. No:- EE/DTP/BBMP/TS/358/2014-15					11/2/11	
	Tender Amt: Rs 9,66,138-						
	Date of Starting: 2/1/2018						
	Date of Completion 8/2/18						
	Date of Recording 8/2/18						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item. ①	Removing B.S slabs & drain and stacking qty hide pno 35437/1 & thus mg.					686.43 m²	
	qty utd to					673.20 m²	
	@ Rs 57/m²					Rs 38,372.40	
Item. ④ ③	Earthwork excavation by manual means in ordinary soil comprising an average lead upto 1 mtr, the disposed earth to be levelled neatly complete as per specification qty vide pno 35435/1 & thus mg.					116.20 m³	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
Item ②	Raising stone pointing in cm
	qty sa

OOK

Depth 6	Contents 7	Reference to last Measurement 8
cking		
ns.	686 ~~43~~ m²	
ed to	673.20 m²	
	Rs 38,372.00	
ns.	116.20 m	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354342

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						Qty Upto	99.00 m³ Rs 7,128.00
	Rate Rs 72.00 /m³						
	Item ② Raising stone slabs & steps and pointing with cm 1:3						
	Qty same rate Item ①					673.20 m² Limit 639.54.	47966.00 Rs 50,490.00
	Rate Rs 75.00 /m²						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item (3)	providing granite slabs of selected quality roughly dressed and hand cut cm 1:6 including laying cement mortar 1:3 Same as existing slabs vide no 35435 / Item no 3 - completed					35.66 m² 33.66 m²	R, 23,562.00
	QR 711/07						
Item (1)	Scarifying existing stone metal layer upto 75mm thick along with fines bituminous surface picking up scarified materials and stacking at old						

Serial No. .....
Name of Work ..... Fro
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
	Serviceable materials wi including the cost of a machinery Complete as	
	vide wide	
	QR/811/05	

Contents	Reference to last Measurement
7	8
35.66 m² 33.66 m²	Rs 23,562.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354343

Serial No. ..... From ..... To .....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Excavation materials with head upto 100m including the cost of all labour, Hire of machinary Complete as per spec..						
	Qty vide pno 354358					214.46 m²	Rs 17,156.00
	@ Rs 80/m²						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item (6)						
	providing laying and spreading, compacting graded stone agg to MORTH specification including premixing the material with water at one cum mechanical mix plant, laying cum. in uniform layers and compacting with vibratory roller to achieve the desired density compacted as per Spec/Site						
	Qty vide page no 354358	1	1420.00			42.90 cum	
						Rs 60,918=00	
	Qty		1420.00				

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Item (7) cleaning the ... including rem... and foreign matt... including cost ... & machinery Compa...
	Qty vide p...

OOK

	Depth 6	Contents 7	Reference to last Measurement 8
		42.90m²	
		Rs 60,918-00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354344

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Including cleaning the existing W.B.M. surface including removing of binding materials and foreign matter with wire brush including cost of all materials, labour, tools & machinery complete as per spec. vide pn 35435 & this MB					214.46m²	
		CR 12/m²					Rs 2,573-00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Bno. (8)	providing and applying primer coat for surface of Medium pt roads like Cement Stabilized Soil base @1.10kg/m² over prepared surface including cost of all materials, Labour, Hire of machinery complete as per Spn.						
	Stg wide pn	35	435	9	1	Hire chs	214.46 m²
							Rs 15,441=00
	@ Rs 72/m²						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
Bno (9)	Cleaning the surface with brush, trowel, dusting including cost of Hire of machinery
	Stg wide pn not
	@ Rs

th	Contents 7	Reference to last Measurement 8
	214.46 m²	
		Rs 15,441=00

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354345

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
2nd	(a) Cleaning the existing brick flipped surface with brooms, soft brushes and finishes dusting with old gunny bags including cost of all materials, labour tion of machinery Complete as per EPM.	~~Sq Mtr~~ nil		~~Sq Mtr~~ nil		Measurements are in next page	
		nil					
	Rs 300/m²						

D/M attd

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Inv (10)	providing and applying tack coat using SS1 100 grade bitumen (@ 0.10) on the prepared black topped surface @ 2.70 kg/10m² including the cost of all materials, labour, hire of machinery complete as per Spn Cl 502						
	Qty same as Inv. (9)					759.60 m²	
	~~Qty same as Inv no 35555/9 item (8)~~ Ntd					24.96 m²	
					Total Qty	759.60 m²	
					Qty Utd in Tp -	717.01 m²	
	(R)	17.01				R 12189.00	

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
Inv (11)	providing and crushed aggregate pre-mixed with bi... filler transporting ... paver finisher level and roll... rollers to achieve ... grading-II 2... CRMB-55 grade ... Qty cr Rd

Contents	Reference to last Measurement
7	8
759.60 m²	
544.44 m²	
214.96	
759.60 m²	
717.00 m²	
Rs 12189.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354347

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Inv. (11)	providing and laying SDBC using crushed aggregate of specified grading pre-mixed with bitumen, hot bitumen and filler transporting to work site. laying with a paver finisher to the required grade level and alignment rolling with smooth rollers to achieve the desired Compaction grading-II 25-30mm thick with VG-10 CRMB-55 grade 6% cr kd	1 x 1 x	(6.70+3.60)/2	x 0.03'	—	1.51 cum	

D.C.M. 4360

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1×1	(3.60+4.30)/2		0.02	= 1.48	
		1×1	(4.30+3.90)/2		0.02	= 1.53	
		1×1	(3.90+4.00)/2		0.02	= 1.48	
		1×1	(4.00+3.80)/2		0.02	= 1.46	
		1×1	(3.80+4.30)/2		0.02	= 1.51	
		1×1	(4.30+6.40)/2		0.02	= 1.19	
	Depression filling 6th cr	(1×1)	15.00	1.80	0.02	= 0.67	
		(1×3)	3.00	2.20	0.02	= 0.48	
		(1×2)	6.50	2.50	0.02	= 0.81	
	5th cr Rd	(1×1)	28.00	1.50	0.02	= 1.05	
						13.28	

C&F.C.

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	6th cr Rd
	5th cr Rd
	C&F.C.

OK

Depth 6	Contents 7	Reference to last Measurement 8
0.02	= 1.48	
0.02	= 1.53	
0.02	= 1.48	
0.02	= 1.46	
0.02	= 1.51	
0.02	= 1.19	
0.02	= 0.67	
0.02	= 0.49	
0.02	= 0.81	
0.02	= 1.05	

13.28

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354348

Serial No. ..... From..... To.....

Name of Work .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	6th cr Rd	(1×4)	4.50	1.60	0.02	= 0.72	
		(1×3)	3.60	1.80	0.02	= 0.81	
		(1×3)	4.20	1.20	0.02	= 0.36	
		(1×1)	18.50	1.65	0.02	= 0.76	
	5th cr Rd	1×1×	(4.70+3.70)/2		× 0.02	= 1.57	
		1×1×	(3.70+4.60)/2		× 0.02	= 1.44	
		1×1×	(4.40+4.20)/2		× 0.02	= 1.50	
		1×1×	(4.60+3.90)/2		× 0.02	= 1.48	

21.46

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1×15	(3.90+3.60)/2		×0.02	= 1.40 cu m	
		1×12.50	(3.60+3.40)/2		×0.02	= 1.09 cu m	
	pot holes.	(1×3)	6.50	1.80	0.02	= 0.87 cu m	
		(1×2)	6.80	1.50	0.02	= 0.36 cu m	
				Total qty		26.02 cu m	
							Rs 2,84,919.00
		Rs 1095.00/m³					
2nd (12)	Road marking with Hot applied thermoplastic — cost Specified						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work
1	2
2nd (13)	Constructing precas... with Compressive Str... 3.5 N/Sqmm with c... 0.40×0.20×0.20 m Cm... ...rks, Labour charg... Complete as per Spn.:
	...dry wide pr...
	Rs ...

OOK

Depth 6	Contents 7	Reference to last Measurement 8
	21.56	
0.02	1.40 cu m	
0.02	1.09	
0.02	0.87	
0.02	0.86	
Qty	26.02 cu m	
	@ 2,849.13 = 00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354349

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Jan'21	(3) Constructing precast Concrete Solid blocks with Compressive Strength not less than 3.5 N/Sqmm with cm 1:4 block of size 0.40×0.20×0.20 m (in situ) including cost of all materials, Labour charges, Scaffolding, Curing Complete as per Spec. Qty vide MB No 35435 8/this MB. @ 9721 m²					77.81 m²	@ 73,526.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
2nd (14)	providing and laying pre cast RCC cover slab of M20 mix with 20mm and down size aggregate including centering and shuttering, machine mixed Concrete and including Complete as per Spr. (Data Rate)						
	5th cr	(2×45)	0.90	0.60	-	156.60 m²	
	6th cr	1×70	0.90	0.60	-	37.80	
	6th cr	1×81	0.90	0.60	-	43.74	
						238.14 m²	
					Total	237.60 m²	
	CR/1450/m²					R 3,44,520.00	

M. A.
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Serial No. .....
Name of Work ..... From.
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
1	2	3
2nd (15)	Lead for disposal of debris payable at Carriage rate mean	
	Qty wise from	
	Cr/ft	
	2nd 28 × 18	CR/20/m³

Assistant Executive Engineer.
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore

25.1.20

epth 6	Contents 7	Reference to last Measurement 8
	156.60 m²	
	37.82	
	43.74	
	238.14 m²	
	237.60 m²	
	R 344,520.00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354350

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

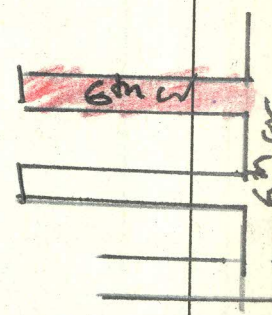
Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Ent 15	Lead for disposal of debries shall be payable at Carriage rates by mechanical means					99.00 cum	Rs 6930.00
	Dry Rate for W. (4)						
	C&R Rs 70/m³						
	C&R Rs 28/m³						
	Total Amt						Rs 9,39,359.20
							Rs. 9,36,835.00

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate (1) The Contractor has Completed the work satisfactorily (2) The Contractor has removed all the debonies from site (3) The Contractor has arranged his own men and machinery						

Serial No. .....
Name of Work ..... Fr
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Numbe
1	2	3
		

	Contents	Reference to last Measurement
h	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354351

erial No. .....
ame of Work ..... From..... To.....
ame of Contractor of nature of Agency .....
ate of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
	2	3	4	5	6	7	8

Assistant Executive Engineer,
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P..

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 936835-						
	ಗರಿಷ್ಠ ಪಾಸ್ಸು ಮಾಡಿದೆ : ಇದರಲ್ಲಿ ರೂ 42588-೦						
	8,94,247-೦						
	ಕೋಂದಾಣಕ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು						
	Rs: Eight lakh ninety four thousand two hundred forty seven only.						
	ಈ ಪ್ರಮಾಣದ ನೀಡಲಾಗಿದೆ						
	ಲೆಕ್ಕಾಧೀಕ್ಷಕರು						
	ಬ್ಯಾ : ಮಾಸಾಸ್ಸಿನ ಬಿಲ್ಲಾಗ						
	ಪ್ರ. ಕ. ಮ. ಕಾ - 8/08						
	Total Rs: 9,36,835-೦						
	IT - 9368-೦						
	Cess - 9368-೦						
	SBF - 937-4						
	LR - 10305-೦						
	Fine - 126 10-೦						
	Addn 42588-೦						
	Chayn 8,94,247-4						

Serial No. .....

Name of Work ..... F

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Numb
1	2	3